# GTA Board of Directors December 6, 2012

### **Our Strategic Vision**

 A transparent, integrated enterprise where technology decisions are made with the citizen in mind

#### **Our Mission**

 To provide technology leadership to the state of Georgia for sound IT enterprise management





## Agenda

- Welcome
- Financial Update
- IT Transformation and Performance Update
  - IBM Update
- Enterprise Governance and Planning
- Legislative Preview
- Schedule for 2013 Board Meetings
- Executive Session
- Closing and Adjournment

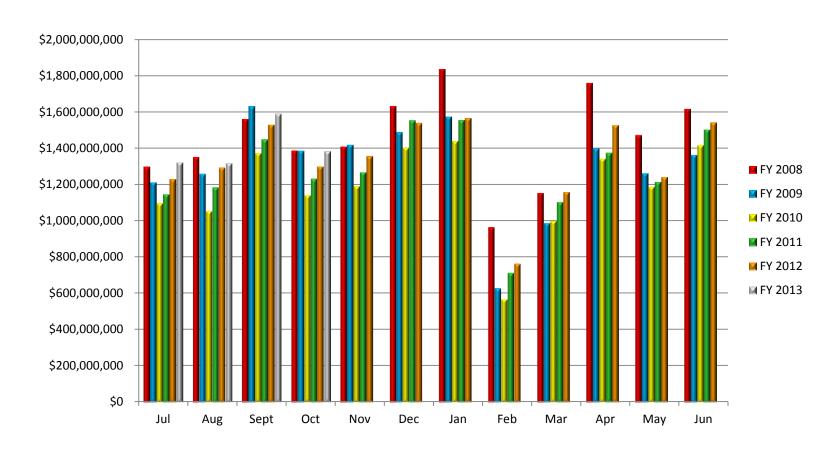


## **Financial Update**

Joe Webb GTA Deputy Executive Director



### State Revenues: FY 2008 to FY 2013



FY 2013 revenues are 4.8% higher through October than the prior fiscal year



## **GTA Financial Performance – FY2013**

	Budget	Variance	Projection
REVENUES:			
State Appropriated Funds	\$0	\$0	\$0
GTA Administrative Fees	\$14,089,821	\$306,717	\$14,396,538
IBM Infrastructure Revenues	\$120,241,267	\$1,602,230	\$121,843,497
AT&T MNS Revenues	\$62,506,088	\$502,515	\$63,008,603
Revenues from Sales of Data	\$33,951,503	\$382,812	\$34,334,315
Revenues from Retained Services	\$8,970,295	(\$458,872)	\$8,511,423
TOTAL REVENUES:	\$239,758,974	\$2,335,402	\$242,094,376
EXPENSES:			
Personal Services	\$22,805,719	(\$262,269)	\$22,543,450
Regular Operating	\$1,290,280	\$0	\$1,290,280
Computer Charges	\$6,808,730	\$135,471	\$6,944,201
Real Estate Rentals	\$1,715,774	(\$11,467)	\$1,704,307
GTA Telecommunications	\$3,293,688	(\$79,610)	\$3,214,078
GTA Contracts	\$11,256,979	\$182,201	\$11,439,180
GTA Transfers	\$2,100,000	(\$10,431)	\$2,089,569
IBM Infrastructure Contract	\$120,241,267	\$1,639,814	\$121,881,081
AT&T MNS Contract	\$62,506,089	\$517,444	\$63,023,533
TOTAL EXPENSES:	\$232,018,526	\$2,111,153	\$234,129,679
Budget Basis Surplus/ (Deficit)	\$7,740,448	\$224,249	\$7,964,697
Non-Budgeted FY12 Transfers	(\$4,315,917)	\$0	(\$4,315,917)
Net Income/(Loss)	\$3,424,531	\$224,249	\$3,648,780



## Financial Summary – Fiscal Year 2013

- State revenues continue to improve 4.8% higher in FY 2013
- Data Sales revenues continue growing modestly in FY 2013
  - 3% above FY13 projections through October
- We are meeting GETS contract business case savings
  - \$181 million savings estimated over 10-year term
- Continued improvement in invoice collections
  - YTD Average Accounts Receivable Turnover: 43 days
- GTA Operating Reserve Balance
  - \$25.2 million projected end-of-year reserve balance FY2013
  - GTA FY2013 transfer to State Treasury \$4.3 million



# IT Transformation and Performance Update

Dean Johnson
GTA Chief Operating Officer



Metric description	# completed in Oct	# planned in Oct	# Completed out of total	Total # in scope	GTA Health Indicator	Trend	Comment
IBM Lead Programs							
Server Consolidatio	n (SCON)				G	1	
SCON - # of servers migrated	38	38	170	1048			DOR Southmeadow Transformation in Place for 38 server images
SCON - # of application affinity migrations	1	1	32	50			Added 3 total affinities for known Transformation in Place.
Active Directory (AD)						$\longleftrightarrow$	
# of users migrated	268	473	8022	34,682			

**Legend:** Green – On schedule, no major issues

Yellow - Issues but plan in place to address/tracking



Metric description	# completed in Oct	# planned in Oct	# Completed out of total	Total # in scope	GTA Health Indicator	Trend	Comment
IBM Lead Progra	ms						
EMAIL					G	$\longleftrightarrow$	
# of mailboxes migrated	194	194	7,884	41,386			
# of BES users migrated	34	39	438	3,069			
FILE Services		1	R	1			
# of sites transformed	1	6	4	487			

**Legend:** Green – On schedule, no major issues

Yellow - Issues but plan in place to address/tracking



Metric	# completed	# planned	#	Total # in	GTA Health	Trend	Comment
description	in Oct	in Oct	Completed out of total	scope	Indicator		
IBM Lead Progran	ns						
MALWARE						$\longleftrightarrow$	
# of servers	0	16	882	1740			Overall program
# of workstations	89	400	13,288	24,845			completion at 53%.
EUC Refresh				I	G	$\longleftrightarrow$	
# of workstations refreshed	723	784	20,559	35,903			Overall program completion at 57%.
Server Currency	•				R	1	
# of servers refreshed	12	35	405	420			Total # In scope adjusted: 46 Removed to SCON. Added 12 GBI Crime Lab, 8 DOAS SharePoint, 4 GOHS, 4 DHS

**Legend:** Green – On schedule, no major issues

Yellow - Issues but plan in place to address/tracking



Metric description	# Completed out of total	Total # in scope	GTA Health Indicator	Trend	Comment
IBM Lead Programs					
Tool Deployment & Moni		Y	1		
# workstations w/DDM & verified	26,786	35,369			There was no appreciable change this month.
# Servers w/Tools & Monitored	80%	2514			

**Legend: Green –** On schedule, no major issues

Yellow - Issues but plan in place to address/tracking



Metric description	# completed in Oct	# planned in Oct	# Completed out of total	_	GTA Health Indicator	Trend	Comment
AT&T Lead Progra	ıms						
IP Re-addressing							
# of Subnets remediated	0	0	69	69			Project Completed
LAN/WAN Refres	h Program				Υ	1	
LAN/WAN - # of Sites refreshed	47	68	893	1199			
LAN/WAN - # of Firewalls Decommissioned	36	39	487	722			

**Legend:** Green – On schedule, no major issues

Yellow - Issues but plan in place to address/tracking



Metric description	# completed in Oct	in Oct	# Completed out of total	-	GTA Health Indicator	Trend	Comment
AT&T Lead Progr	rams						
Voice Refresh Pr	ogram	G	$\longleftrightarrow$				
PBX System							
	1	1	9	27			
Key System	15	12	324	500			
Centrex phone sets	2,022	1,300	23,678	45,000			

**Legend:** Green – On schedule, no major issues

Yellow - Issues but plan in place to address/tracking



Metric description	# completed in Oct	in Oct	# Completed out of total	-	GTA Health Indicator	Trend	Comment
AT&T Lead Prog	rams						
Hosted ICS / Hosted Contact Center						1	
Agencies	1	6	7	15			
Basic Seats	6	403	58	646			
Premium Seats	0	13	40	75			

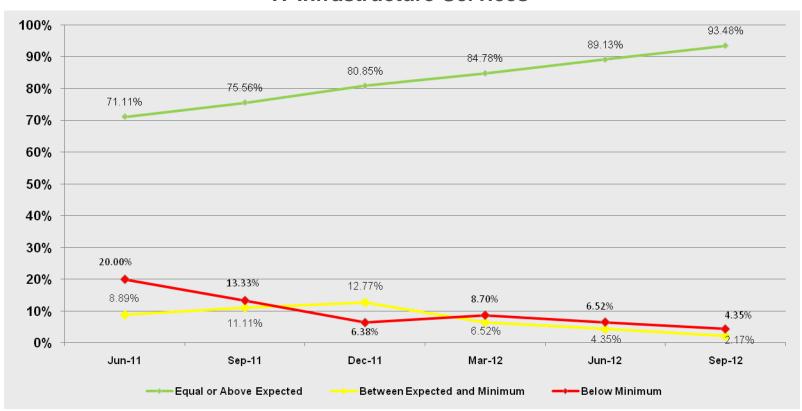
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Yellow - Issues but plan in place to address/tracking



## **SLAs Quarterly Performance Trend**

#### **IT Infrastructure Services**

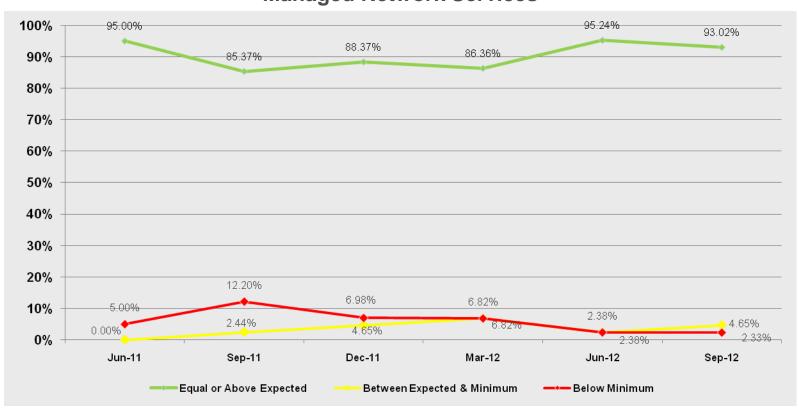


Note: These are quarterly percentages.



## **SLAs Quarterly Performance Trend**

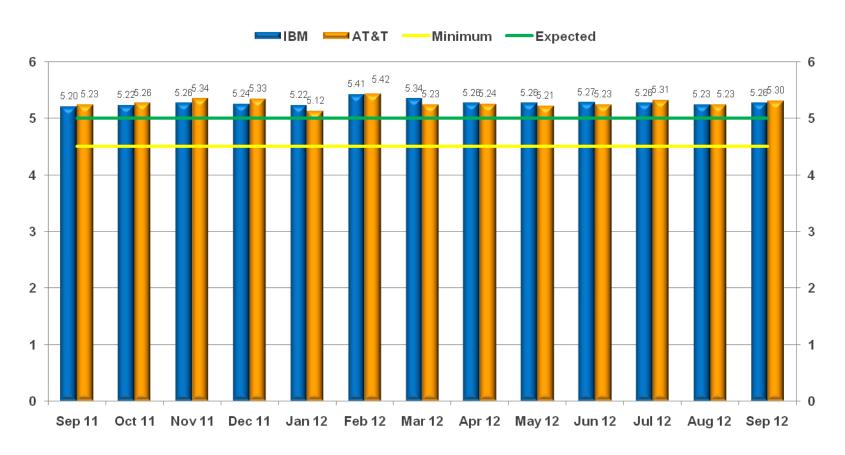
### **Managed Network Services**



Note: These are quarterly percentages.



## Service Desk Survey Results



Legend
6 points: Very Satisfied

5 points: Satisfied

4 points: Somewhat satisfied 3 points: Somewhat dissatisfied

2 points: Dissatisfied 1 point: Very dissatisfied

- 326 surveys received in September 2012
  - 22.85% response rate



### AT&T Update: New Services

### New Services

- Managed Broadband being developed for small offices
- Cellular data backup solution under development
- Firewall support for remote data centers

### Product Evolution Services

Unified Communications trials under way



## AT&T Update: Contract Renewal Discussions

- Key opportunities being explored
  - AT&T assumption of Tier 1 support for:
    - Voice services for Enterprise customers
    - All services for non-Enterprise customers
- Offering unbundled services for non-Enterprise customers
- KPMG has been engaged to assist in identifying additional opportunities for improvement or enhancement to services



## **IBM Update**

Beverly Saskowski
IBM VP and Senior Project Executive



## **IBM Transformation Program - 2012**

### **1Q Board Meeting**

- Comprehensive Integrated End to End Plan Delivered on 1/26
- Sharing Agency view for each Transformation Program
- Enhanced Governance
  - Active Agency Participation
  - Ongoing Agency Status Report & Dashboard
  - Enhanced Project Communications
- "Lessons Learned" incorporated after each transformation event
- Dedicated Transformation Resources in place

### **4Q Board Meeting**

- Program Executing and in Green Status Overall
  - 51 Projects Completed
  - 45 Projects In Progress
  - 28 Projects Not Yet Started
- Kickoff meeting completed for all Agencies with Commissioner level attendance
- Enhanced Governance Continues
  - Business Council Meetings ongoing
- Dedicated Transformation Resources remain in place



# Strong communication and expectation setting with the Agencies is showing success.



- For Agency project teams
  - Project kick-off meetings to review tasks, expectations, roles and responsibilities
  - Weekly project meetings to guide progress
- For Agency end users directly affected by projects
  - Advance notification of what's coming, when and what the impact will be
  - Interval and frequency determined by user impact
- Phased approach to ensure deployment is working properly
  - Pilot test phase (small subset of agency staff)
  - Early adopters phase (small subset of agency staff)
  - General deployment (all agency staff)



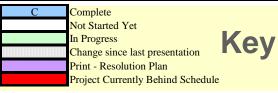
## IBM Transformation project plan dates

28 Projects Not Started

				Tra	nsformation S	ervices				
	AD Migration	eMail Migration	PKI Migration	Malware Server	Desktop AntiVirus	Laptop Encryption	Novell AD / Email	App Server Consolidation (SCON)	File Services Consoldiation	Print Services Migration
DBHDD	N/A	N/A	12/27/11 - 03/27/14	07/19/11 - 10/15/13	03/15/13 - 07/12/13	07/25/14 - 10/22/14	06/03/13 - 10/17/14	03/27/12 - 08/15/13	07/08/13 - 10/25/13	C 09/14/12
DCH	07/12/10 - 12/24/12	04/01/11 - 01/18/13	08/15/11 - 01/21/13	07/19/11 - 05/31/13	11/12/12 - 02/14/13	N/A	N/A	02/20/12 - 07/09/13	07/15/13 - 10/18/13	09/18/12 - 10/12/12
DPH	N/A	N/A	08/15/11 - 04/17/14	07/19/11 - 10/16/13	03/23/13 - 07/12/13	07/10/14 - 09/03/14	07/31/12 - 08/14/14	04/02/12 - 09/13/13	07/08/13 - 10/18/13	C 08/06/12
DDS	C 4/29/2011	C 3/30/2012	C 5/8/2012	C 9/7/2011	C 8/22/2011	C 11/6/12	N/A	C 9/3/2010	08/05/13 - 11/15/13	10/15/12 - 10/16/12
DHS	N/A	N/A	02/09/12 - 03/06/14	07/19/11 - 04/16/13	10/19/12 - 02/18/13	02/07/14 - 12/31/14	07/31/12 - 9/29/14	05/07/12 - 12/13/13	01/07/13 - 11/01/13	07/19/12 - 09/20/12
DJJ	C 4/29/2011	C 9/30/2011	C 4/25/2012	C 3/1/2012	C 12/31/2011	C 6/13/2011	N/A	C 8/27/2010	04/09/12 - 01/31/13	08/06/12 - 11/02/12
DNR	N/A	N/A	08/15/11 - 11/19/12	C 11/13/12	C 08/17/12	N/A	01/27/12 - 03/28/13	08/06/12 - 02/04/14	04/09/12 - 10/24/12	C 05/24/2012
DOAS	06/21/10 - 01/23/13	07/18/12 - 02/13/13	12/01/10 - 01/31/13	C 06/07/12	C 6/1/2012	06/30/11 - 03/15/13	N/A	11/05/12 - 05/01/14	08/05/13 - 11/15/13	10/12/12 - 10/15/12
DOR	C 6/04/2012	C 07/27/2012	C 4/13/2012	C 1/17/2012	C 8/1/2011	07/13/12 - 10/24/12	N/A	02/04/13 - 09/12/14	08/12/13 - 11/22/13	10/16/12 - 10/18/12
GBI	C 09/24/12	C 10/05/12	03/31/11 - 01/21/13	07/19/11 - 01/08/13	C 10/30/12	C N/A	N/A	01/06/12 - 02/12/13	07/22/13 - 11/15/13	11/02/12 - 12/05/12
GDC	N/A	N/A	12/30/10 - 05/09/13	C 11/26/12	C 09/18/12	08/22/11 - 11/11/13	07/31/12 - 09/25/13	09/03/12 - 03/07/14	04/23/12 - 04/26/13	C 07/24/12
GOV	C 5/29/2012	C 05/31/2012	C 06/28/2012	C 8/12/11	C 07/27/12	C N/A	N/A	C 12/31/2010	N/A	N/A
GTA (incl. OST, GAA)	06/15/09 - 03/29/13	03/11/10 - 04/16/13	08/15/11 - 03/04/13	C 2/27/2012	C 1/4/2012	03/21/11 - 05/15/13	N/A	12/03/12 - 06/20/14	07/02/12 - 10/5/12	09/05/12 - 10/12/12
ОРВ	C 9/6/2010	C 4/28/2011	C 4/18/2012	C 7/8/2011	C 7/8/2011	C 3/15/2012	N/A	C 9/10/2010	11/15/12 - 03/01/13	11/15/12 - 03/01/13
SAO	02/03/10 - 03/27/13	09/07/12 - 04/16/13	// N/A	C 12/16/2011	C 12/16/2011	11/07/11 - 05/15/13	N/A	N/A	02/11/13 - 05/24/13	10/18/12 - 10/19/12
TOTAL COMPLETE	6	6	5	10	11	5		4		4

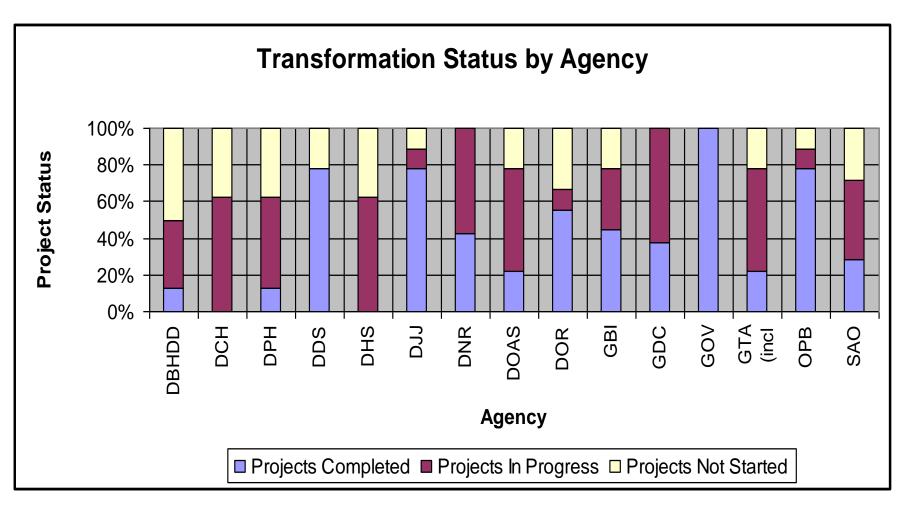
51 Projects Completed

45 Projects in Progress



# Georgia<sup>\*</sup>

# Agency View: IBM Transformation Services Project Completion Status





## **Key Transformation Metrics**

as of 11/26/12

Transformation Project	Unit of Measure	Last Board Meeting 9/6/12	Last Board Meeting 9/6/12	Current Number of Migrations Completed	Target Number of Migrations	Percentage of Target Completed
Active Directory	Users	7,438	21.1%	7,975	34,682	22.9%
eMail	Users	6,699	16.2%	7,885	41,259	19.1%
Blackberry Enterprise Servers (BES)	Users	309	10.1%	444	3,056	14.5%
End User Computing Data Encryption	End users	365	6.7%	1,069	5,483	19.5%
End User Computing Anti-virus	End users	12,294	49.5%	13,310	24,465	54.4%
Malware	Servers	882	50.7%	882	1,740	50.7%
Server Consolidation	Servers migrated	132	13%	132	1,048	13%



## **Key Transformation Metrics**

as of 11/26/12

Transformation Project	Unit of Measure	Last Board Meeting 9/6/12	Last Board Meeting 9/6/12	Current Number of Migrations Completed	Target Number of Migrations	Percentage of Target Completed
Server Consolidation – Transformed in Place	Servers transfor med in place	0	0%	29	53**	55%
File Servers -Site Surveys Completed -Servers Built/Configured -Servers Shipped/Installed -Servers Production Deployed	Sites Servers Servers Servers	O	ο%	205 124 124 3	480 480 480 480	43% 26% 26% 1%
Print Services - Direct IP Print	Assets migrated	0	0%	1,179	15,072	7.8%

<sup>\*\*</sup> Currently known servers to be "transformed in place"



## Server Consolidation Planned Deployments

as of 11/29/12

Agency	Current Server View	Percent of Total
DJJ	21	
DDS	20	
ОРВ	16	
GOV	<u>1</u>	
DOR	<u>74</u>	
Migrated to Date	132	12.3%

SCON Planned Metrics			12Q4	13Q1	13Q2	13Q3	13Q4	14Q1	14Q2	14Q3	14Q4
Agency	<u>Servers</u>										
DDS - Inflight	3	% of Total		0.3%							
GBI - Inflight	53	% of Total		4.9%							
GOV - Inflight	1	% of Total		0.1%							
DCH - Inflight	39	% of Total			3.6%						
DBHDD - Inflight	38	% of Total			3.5%						
DPH - Inflight	102	% of Total				4.6%	4.8%				
DHS - Inflight	220	% of Total				9.3%	11.2%				
DNR - Inflight	20	% of Total					1.9%				
GDC - Inflight	70	% of Total						6.5%			
DOAS/SPA	90	% of Total						4.2%	4.2%		
GTA	125	% of Total							11.6%		
DOR	183	% of Total							9.3%	7.7%	
Migrations Remaining	944	87.7%		5.3%	7.2%	13.9%	17.8%	10.7%	25.1%	7.7%	

Total App Servers (\*) 1076 100%

Base App Server Metric 1048

(\*) Latest Estimate based on actual servers migrated + inflight SCON agencies + estimated SCON agencies left



## IBM Operations Relevance Based Quality Metrics

### **2012 Objectives**

- Reduce Severity 1 and 2 incident volume by 10% from 2011 base
- Reduce Severity 1 and 2 incidents
   Mean Time to Resolution (MTTR) to
   meet or exceed customers' business
   requirements
- Use Process Behavior Analysis (PBA) for measurement, actions and reporting

#### What is the relevance?

- Severity 1 and 2 are reported as outages impacting business functions
- Reduction in volume and Mean Time To Resolution (MTTR) means less outages and speedy resolution and restoration of services

Use the S.M.A.R.T. criteria



MEASURABLE

**ATTAINABLE** 

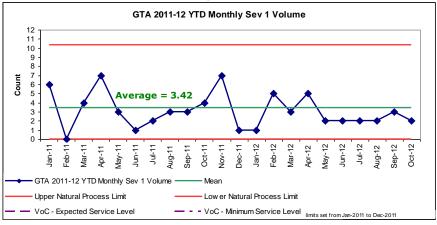
RELEVANT

TIME-CONSTRAINED

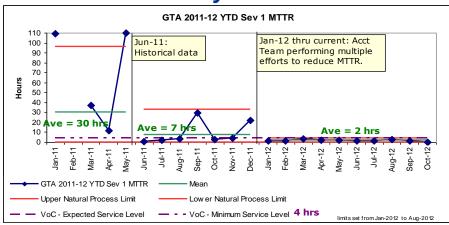


## IBM Operations Severity 1 & 2 Incident Quality Metrics Trend Charts

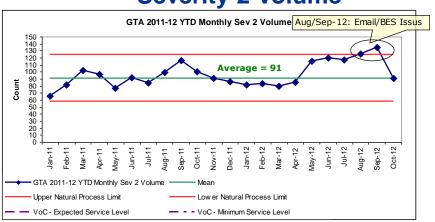
### **Severity 1 Volume**



MTTR = Mean Time To Resolution
Severity 1 MTTR

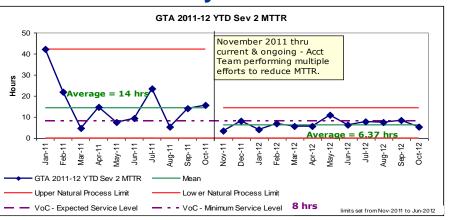


### **Severity 2 Volume**



MTTR = Mean Time To Resolution

### **Severity 2 MTTR\***



# Georgia

## **Off Site Disaster Recovery**

### **Program Success Continues: September 2012**

- Largest scope test managed by IBM since commencement Nine Agencies
- 110+ base servers in inventory plus mainframe
- 150+ objectives (IBM and agency) plus secondary objectives
- All primary and secondary agency measured objectives were tested and met
- First time recovery and end-to-end test of SCRIBE application (GDC)
- First time external testing with AAMVA (Motor Security Vehicles Association) and Homeland Drive Services
- Finished with time remaining in test window
- Service Level Objective MET





## Infrastructure Refresh Programs

#### End User Computing (EUC) Refresh

- Program Status = GREEN
- Objective: Refresh End User Computing Devices
- 3 year Laptop Refresh Objective Met
- 5yr Refresh Objective On Target
- New Direct Deployment Model in Use
- Program Target for FY13
  - 26,188 Devices
- Overall Program Target
  - 35903 Devices

Total EUC Devices Refreshed by Fiscal Year				
2010	1,735			
2011	8,778			
2012	7,565			
2013(FYTD)	2,734			
Total	20,812			

#### Server Refresh

- Program Status = GREEN
- Objective: Refresh Servers and other Infrastructure Devices in place and in Parallel with Transformation
- 379 Legacy Servers Refreshed since Program Inception
- Program highly successful and popular with the Agencies
- Minor to no impact during refresh events

Total Servers Refreshed by Calendar Year				
2010	100			
2011	159			
2012 (YTD)	120			
Total	379			



## **Enterprise Policies and Updates**

Tom Fruman
Director, Enterprise Governance and Planning



## **Enterprise Applications**

### **Recommended action:**

Review/approve policy to provide State CIO with the authority to designate an enterprise application and to establish standards for <u>governance</u> over enterprise applications.

- Will improve transparency for participating agencies
- Will provide structured process for setting priorities
- Will identify opportunities to contain costs
- Will allow host agencies to elevate enterprise needs



## **Enterprise Applications**

### **Policy**

The Georgia Technology Authority shall establish oversight and governance consistent with principles of technology enterprise management and technology portfolio management for those State of Georgia's business applications which warrant transparent, consolidated governance due to the complexity of needs of the various stakeholder agencies, their criticality to the State, their value and impact to citizens, or their continuing need for State investment. It is the intent of the Board of Georgia Technology Authority that:

- 1. Enterprise Applications shall be designated by the State CIO,
- The State CIO shall be responsible for ensuring that governance bodies are established and functioning for stakeholders of designated Enterprise Applications, and
- 3. The Georgia Technology Authority shall publish standards to implement this policy.

NOTE: Complete policy document with related standards has been provided in advance for review.



## **Enterprise Application Policy**

### Definition of Enterprise Application

- "Those business applications which support the business functions of multiple state agencies and warrant transparent, integrated governance due to complexity of the needs of the stakeholder agencies and criticality to state operations."

### Examples

- Accounting/HR (PeopleSoft)
- Case management
- Document imaging
- Data warehouse

- Grant management
- Electronic health records
- Web portal



## **Enterprise IT Strategy Summit**

- Key Purpose:
  - Involve Agency Business and Technology Leaders in Georgia's IT Strategy
- Information Sharing Session
  - Governor's Office: Georgia Strategic Plan
  - The Changing Demographics of Georgia
  - Trends, Technology and a Call for Action Now
  - Technology: Where Georgia Leads

- 101 Attendees
  - 47 State agencies
  - 22 Cross-agency strategies identified
- Breakout Sessions along Governor's Policy Areas
  - Identify strategies that span policy areas
  - Capture enabling technologies from Georgia IT Roadmap
  - Share policy area discussion across the enterprise
- Next Steps
  - Create Georgia Enterprise IT Strategic Plan
  - Facilitate and advocate for leveraging IT across agencies



# **Legislative Preview**



# Schedule for 2013 Board Meetings

- March 7, 2013
- June 6, 2013
- September 5, 2013
- December 5, 2013



## **Executive Session**



# **Appendix**



## Managed Network Services: Critical SLAs

Data Network Services

1.1.1 WAN Packet Delivery

1.1.2 Site Availability

1.1.3 WAN Chronic Problems

1.1.5 ISP Availability for Public Facing Access

1.1.6 Critical Network Element Uptime

1.1.7 VPN Availability or Performance

1.1.8 WAN Average Latency Voice Network Services

1.2.3 Voice Mail Systems Availability

1.2.7 Voice -- Network MTTR - Switched Access Lines

1.2.8 Voice - Network MTTR - Dedicated Access Circuit Incident Management

meldent Management

1.3.1 Time to Resolve Severity Level 1 Incidents

1.3.2 Time to Resolve Severity Level 2 Incidents

1.3.4 Time to Resolve Severity Level 3 Incidents
1.3.5 Incident First Resolver Responsiveness

Request for Service Management

1.4.1 IMAC Completion Time

Video Services

1.5.2 User Availability and Quality of the Video Conference

Cross Functional

1.6.1 Reports Delivered On time

1.6.2 Customer Satisfaction - Point of Service

Min. Target	Exp. Target	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
95.00%	97.00%	99.97%	99.96% *	99.97%	99.98%	99.98%	99.97%	99.98%	99.98%	99.98%	99.96%	99.97%	99.97%	99.97%	99.98%
99.92%	99.95%	99.96%	99.95%	99.94% =	99.97%	99.95% <sup>a</sup>	99.97%	99.96%	99.97%	99.96%	99.97%	99.96%	99.97%	99.96%	99.95%
< 5 WAN Assets	< 3 WAN Assets	2	2	2	2	2	3	2 a	2	1	1	2	1	4	0
99.82%	99.91%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
99.55%	99.83%	99.98%	99.98%	99.98%	99.98%	99.90% <sup>a</sup>	99.98%	99.98%	99.98%	99.99%	99.98%	99.97%	99.99%	99.98%	99.98%
98.71%	99.27%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.96% a	100.00%	100.00%	100.00%	100.00%	99.97% <sup>a</sup>	100.00%	99.97%
40 ms	35 ms	33.59 ms	32.74 ms *	29.44 ms	30.02 ms	28.72 ms	29.64 ms	30.14 ms	29.93 ms	29.49 ms	29.69 ms	26.90 ms	29.81 ms	30.94 ms	29.79 ms
99.13%	99.91%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
< 21.06 Hours	< 9.49 Hours	9.16	8.37	8.16	7.74	7.18	7.60	7.55	8.65	6.27	6.83	6.99	6.94	7.06	7.04
< 7.10 Hours	< 4.42 Hours	4.69	4.12	3.01	3.10	4.46	0.00	1.72	0.00	0.00	0.00	2.06	0.00	2.55	0.00
90.07%	95.14%	84.61% a	95.23%	100.00%	100.00%	90.90% <sup>a</sup>	92.85%	100.00%	100.00%	100.00%	100.00%	91.66%	100.00%	100.00%	100.00%
90.07%	95.14%	95.39% <sup>a</sup>	94.80% <sup>a</sup>	94.89% ª	96.22%	94.61% <sup>a</sup>	98.14% ª	97.36% ª	98.15% <sup>a</sup>	96.58%	95.89% ª	95.70%	97.27%	97.46%	96.49%
87.13%	92.26%	92.13%	91.50% <sup>a</sup>	92.34%	91.81%	92.43%	94.69%	96.17%	93.65% <sup>a</sup>	93.56%	94.13%	93.76%	96.31%	96.34%	95.13%
91.42%	96.16%	83.33%	75% ª	78.57%	85.71%	90.90% <sup>a</sup>	85.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
91.42%	96.35%	95.83%	97.94%	96.63%	98.57%	97.25%	97.65%	97.42%	97.46%	96.82%	97.73%	97.57%	96.79%	96.56%	97.29%
91.42%	96.35%	97.35%	97.14%	99.23%	96.67%	98.43%	98.42%	99.08%	98.46%	99.26%	98.69%	99.84%	98.93%	99.67%	9982%
95.70%	98.54%	99.33%	100.00%	98.02%	100.00%	98.70%	100.00%	99.31%	99.35%	99.34%	99.32%	99.35%	99.35% ª	99.37% <sup>a</sup>	100.00%
4.50	5.00	5.13	5.23	5.26	5.34	5.33	5.12	5.42	5.23	5.24	5.21	5.23	5.31	5.23	5.30



- = Met or Exceeded Expected Target
- = Missed Expected Target but Met Minimum Target
- = Missed Minimum Target

- <sup>a</sup> Reflects updated performance results
- <sup>b</sup> Reflects updated cell shading due to exception criteria
- <sup>c</sup> Reflects change in algorithm
- <sup>d</sup> Reflects updated cell shading due to multiple miss criteria
- \* Reflects unusual situations OTHER



### Managed Network Services: Key SLAs

#### State of Georgia Key Measures

Data Network Services

- 2.1.1 End-to-End Jitter
- 2.1.3 Site Hardware Mean Time to Restore (MTTR)
- 2.1.4 Adherence to Capacity Performance Levels Security
- 2.2.1 Intrusion System Updates
- 2.2.2 Vulnerability Management

Voice Network Services

- 2.3.4 Voice Mail System Port Availability
- 2.3.6 Adjunct Systems Availability
- 2.3.7 Voice Switch Availability
- 2.3.8 Adherence to Capacity Performance Levels
- 2.3.9 Dedicated Site Capacity (Grade of Service)
- 2.3.10 Dedicated Circuit Availability Incident Management
- 2.4.2 Time to Resolve Severity Level 4 Incidents
- 2.4.3 Proactive follow-up at designated intervals
- 2.4.4 RCA of Severity 1 and 2 Incidents Delivered On Time
- 2.4.6 First Contact Resolution
- Request for Service Management
- 2.5.1 Request for Service Acknowledgement Time
- 2.5.2 Request for Service Processing Interval Video Services
- 2.6.1 Video Conferencing Reservation System Availability
  2.6.3 Availability of Video Conference
  Cross-functional
- 2.7.1 Percent of Projects Completed On Time
- 2.7.2 Projects Delivered on Budget
- 2.7.3 Overall Customer Satisfaction Survey
- 2.7.4 Proactive Change Communications
- 2.7.5 Resolution of Disputes
- 2.7.6 Asset Database Sample Accuracy

96.00%	98.00%	100% *	99.56% a	99.50% a	98.73%	99.14%	100.00%	98.72% a	99.56% <sup>a</sup>	100.00%	100.00%	100.00%	99.57%	100.00%	100.00%
< 7.10 Hours	< 4.60 Hours	3.80	3.82 a	2.01	2.93	2.35	1.78	3.02	2.17	2.04	2.59	3.92	3.37	2.18	1.68
91.42%	96.35%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
90.98%	95.95%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
90.98%	95.95%	98.15%	98.15%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
99.13%	99.91%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
91.42%	96.35%	100.00%	100.00%	99.98%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
97.80%	99.27%	100.00%	100.00%	100.00%	99.99%	99.99%	99.99%	100.00%	100.00%	99.99%	100.00%	100.00%	100.00%	100.00%	100.00%
P03	P01	Quarterly	P01	Quarterly	Quarterly	P02	Quarterly	Quarterly	P01	Quarterly	Quarterly	P01	Quarterly	Quarterly	P03
P03	P01	Quarterly	P01	Quarterly	Quarterly	P01	Quarterly	Quarterly	P01	Quarterly	Quarterly	P01	Quarterly	Quarterly	P01
99.90%	99.95%	99.99%	99.99%	99.99%	99.99%	99.99%	100.00%	99.99%	100.00%	100.00%	100.00%	99.99%	100.00%	99.99%	100.00%
82.85%	89.06%	88.78%	89.15% <sup>a</sup>	89.99%	89.50%	89.20%	89.68%	93.27% a	89.60% ª	90.00%	92.20%	91.07%	90.66%	91.59%	90.47%
91.42%	96.35%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
87.13%	92.71%	100.00%	91.66% a	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
48.55%	59.90%	99.05%	99.71%	97.61% <sup>a</sup>	98.67%	98.29% <sup>a</sup>	100.00%	99.15%	99.12%	99.03%	98.24%	98.77%	99.33%	98.44%	97.89%
91.42%	96.35%	99.37%	99.85%	99.40%	99.52%	99.89%	99.90%	99.82%	99.64%	99.80%	99.83%	99.75%	99.32%	100.00%	99.30%
91.42%	96.35%	99.37%	99.50%	99.57%	99.71%	99.78%	99.72%	99.82%	99.46%	99.90%	99.49%	99.50%	99.57%	98.93%	99.48%
95.70%	98.54%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
95.70%	98.54%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
87.13%	92.71%	96.10% <sup>a</sup>	100.00%	100.00%	96.42%	100.00%	100.00%	100.00%	100.00%	97.50%	98.71%	99.08%	99.09%	98.75%	100.00%
87.13%	92.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5.90	6.40	Annual	Annual	Annual	Annual	5.59	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
87.13%	92.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
91.42%	96.35%	100.00%	100.00%	100.00%	100.00%	100.00%	80.00%	100.00%	50.00%	71.42% <sup>a</sup>	100.00%	100.00%	100.00%	100.00%	100.00%
95.25%	98.00%	Ouarterly	53,33%	Ouarterly	Quarterly	55.18%	Ouarterly	Ouarterly	89.47%	Ouarterly	Ouarterly	95.00%	Quarterly	Ouarterly	97.10%



- = Met or Exceeded Expected Target
- = Missed Expected Target but Met Minimum Target
- = Missed Minimum Target

- <sup>a</sup> Reflects updated performance results
- <sup>b</sup> Reflects updated cell shading due to exception criteria
- $^{\rm c}$  Reflects change in algorithm
- <sup>d</sup> Reflects updated cell shading due to multiple miss criteria
- \* Reflects unusual situations OTHER



#		Min Target**	Exp. Target**	11-Oct*	11-Nov*	11-Dec*	12-Jan*	12-Feb*	12-Mar*	12-Apr*	12-May*	12-Jun*	12-Jul*	12-Aug*	12-Sep	Comments
	Availability CSL (3)															
1	1.1.2 Critical - Single Appl. Infra.Outage not to Exceed 1.5 Hours	90.98%	95.95%	98.89%	99.63%	98.52%	100.00%	98.89%	99.26%	98.16%	98.90%	99.63%	99.63%	98.90%	98.87%	
2	3.1.6 Single Appl Infra Outage not to Exceed 3 Hours	90.50%	95.50%	99.40%	99.25%	99.34%	99.38%	99.69%	99.51%	99.42%	99.39%	99.33%	99.20%	99.41%	99.51%	
3	1.1.10 Mainframe Single Appl. Infra. Outage not to Exceed 3 Hours	90.98%	95.95%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
	Incident Resolution CSL (3)															
4	3.2.1 Resolution Time - Severity 1 Incident - Less than 4 hours and Severity 2 Incident - Less than 8 hours	90.50%	95.50%	95.18%	97.91%	97.14%	98.18%	97.40%	100.00%	96.25%	96.15%	96.72%	95.79%	96.00%	95.71%	
5	3.2.2 Resolution Time - Severity 3 Non-FW Incident - Less than 48 hours	75.30%	82.00%	86.77%	85.92%	81.13%	84.50%	82.53%	82.67%	85.88%	85.91%	84.01%	85.54%	86.28%	84.16%	
6	3.2.3 Resolution Time - Severity 4 Non-FW Incident - Less than 96 hours	83.85%	88.30%	94.57%	90.65%	88.58%	95.42%	90.35%	94.85%	89.77%	90.59%	91.82%	93.69%	96.06%	93.85%	
	Backup & Recovery CSL (2)															
7	1.3.1 Successful Backups	95.00%	99.00%	96.52%	95.59%	96.45%	96.88%	96.38%	96.63%	95.30%	95.87%	95.67%	95.74%	96.00%	95.99%	
8	1.3.5 Lost Data - All Applications (Critical and Non- Critical)	3	1	0	0	0	1	0	0	0	0	0	0	0	1	



#		Min Target**	Exp. Target**	11-Oct*	11-Nov*	11-Dec*	12-Jan*	12-Feb*	12-Mar*	12-Apr*	12-May*	12-Jun*	12-Jul*	12-Aug*	12-Sep	Comments
	Incident Response Time CSL (2)															
9	1.4.1 Response Time - Severity 1 Incident	90.98%	95.95%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
10	1.4.2 Response Time - Severity 2 Incident	90.98%	95.95%	98.75%	98.15%	98.57%	100.00%	99.17%	99.07%	100.00%	100.00%	100.00%	97.98%	98.81%	100.00%	
	Print CSL (1)															
11	1.5.1 On time Completion of Recurring Critical Jobs	97.75%	99.19%	100.00%	100.00%	100.00%	99.96%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
	Cross Functional CSL (6]															
12	1.2.7 Root Cause Analysis Delivery - MANUAL	90.98%	95.95%	100.00%	100.00%	100.00%	90.90%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
13	1.6.2 DR Test Restoration for DR Priority 1 & 2 applications within necessary timeframe ATOT	100.00%	100.00%													At Time of Test (ATOT)
14	1.6.7 Change Management Effectiveness	86.46%	91.90%	95.38%	94.73%	97.82%	92.11%	95.88%	94.77%	96.53%	96.03%	95.36%	96.67%	93.97%	95.58%	
15	3.6.1 A - Security Patching ISEC Platforms	90.50%	95.50%	99.90%	97.06%	99.17%	98.28%	96.73%	98.52%	99.46%	98.85%	99.83%	99.90%	98.86%	100.00%	
16	3.6.1 B - Security Patching EUC	90.50%	95.50%	95.96%	99.19%	99.12%	99.27%	99.33%	99.67%	99.59%	98.59%	98.35%	98.37%	97.09%	99.05%	
17	3.6.4 Asset Inventory Accuracy	95.49%	98.38%	Qtrly	Qtrly	98.69%	Qtrly	Qtrly	98.68%	Qtrly	Qtrly	97.63%	Qtrly	Qtrly	98.95%	



#		Min Target**	Exp. Target**	11-Oct*	11-Nov*	11-Dec*	12-Jan*	12-Feb*	12-Mar*	12-Apr*	12-May*	12-Jun*	12-Jul*	12-Aug*	12-Sep	Comments
	Satisfaction Surveys CSL (1)															
18	3.7.1 Customer Satisfaction Point of Service (POS) Survey - MANUAL	4.5	5	5.22	5.26	5.24	5.22	5.41	5.34	5.26	5.26	5.27	5.26	5.23	5.26	
	End User Computing (EUC) CSL (5)															
19	1.8.1 Workstation Break/Fix Time to Respond	86.46%	91.90%	93.54%	93.84%	95.53%	96.70%	96.53%	96.13%	95.65%	95.33%	95.22%	97.28%	97.86%	96.39%	
20	1.8.2 Workstation Break/Fix Time to Resolve - (Tier 1 - 25 VIPS)	86.46%	91.90%	100.00%	100.00%	100.00%	100.00%	100.00%	No Data	100.00%	100.00%					
21	1.8.3 Workstation Break/Fix Time to Resolve - (Tier 2/3/4 Consolidated)	86.46%	91.90%	89.97%	91.71%	91.18%	99.95%	94.87%	95.24%	95.85%	94.44%	95.21%	94.37%	92.80%	94.49%	
22	1.8.4 Soft IMAC Completion Time	90.98%	95.95%	96.29%	97.02%	100.00%	100.00%	100.00%	99.00%	100.00%	98.57%	100.00%	98.29%	100.00%	99.13%	
23	1.8.5 Hard IMAC Completion Time	90.98%	95.95%	92.94%	93.09%	96.66%	98.42%	98.39%	98.82%	97.53%	98.53%	96.30%	97.32%	98.23%	97.46%	
	Batch CLS (1)															
24	1.3.4 Percent of Batch Processing Completed Successfully	98.20%	99.19%	99.08%	99.19%	100.00%	99.42%	99.27%	99.54%	99.48%	99.40%	99.22%	99.32%	99.41%	99.17%	
	Project Management CSL (3)															
25	1.6.1 Projects completed within + or - 10% of the agreed upon due date	90.98%	95.95%	Qtrly	Qtrly	100.00%										
26	1.6.6 RFS B&P and BAFO Proposal Delivery Time	39.00	33.00	Qtrly	Qtrly	17.0	Qtrly	Qtrly	17.00	Qtrly	Qtrly	10.00	Qtrly	Qtrly	10.00	
27	1.10.3 Fulfillment of Service Requests within Committed Timeframes	90.98%	95.95%	96.49%	95.62%	96.11%	96.76%	95.64%	92.53%	96.25%	96.63%	96.61%	96.84%	97.44%	97.14%	
	Service Desk CSL (1)															
28	1.6.5 Service Desk Call Abandon Rate	7.22%	4.86%	5.82%	7.02%	1.47%	3.00%	2.24%	4.68%	4.06%	TBD	TBD	TBD	TBD	TBD	Under discussion



#		Min Target**	Exp. Target**	11-Oct*	11-Nov*	11-Dec*	12-Jan*	12-Feb*	12-Mar*	12-Apr*	12-May*	12-Jun*	12-Jul*	12-Aug*	12-Sep	Comments
	Availability KM (6)															
29	2.1.0 Critical Application Infrastructure Availability	99.55%	99.80%	99.98%	99.99%	99.94%	99.99%	99.98%	99.99%	99.98%	99.99%	99.99%	99.99%	99.93%	99.99%	
34	2.1.1 Low Complexity Application Infrastructure Availability	99.33%	99.60%	99.98%	99.98%	99.97%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.97%	99.98%	
30	2.1.3 High Complexity Appl. Infra. Availability	99.28%	99.60%	99.97%	99.99%	99.95%	99.93%	99.98%	99.99%	99.99%	99.97%	99.98%	99.98%	99.96%	99.99%	
31	2.1.5 Medium Complexity Appl. Infra.Availability	99.10%	99.35%	99.98%	99.95%	99.93%	99.97%	99.99%	99.99%	99.98%	99.98%	99.96%	99.97%	99.98%	99.99%	
32	2.1.7 7x24 Application Infrastructure Availability	98.65%	99.19%	99.98%	99.99%	99.99%	99.99%	99.99%	99.98%	99.99%	99.99%	99.96%	99.91%	99.99%	99.98%	
33	2.1.9 Mainframe Application Infrastructure Availability	99.55%	99.92%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.99%	100.00%	100.00%	100.00%	100.00%	
	Incident Resolution KM (2)															
35	2.2.3 Resolution Time - Severity 3 Firewall Incident - Less than 24 hours	90.50%	95.50%	Qtrly	Qtrly	16.45%	Qtrly	Qtrly	75.00%	Qtrly	Qtrly	45.00%	Qtrly	Qtrly	90.00%	18 of 20
36	2.2.4 Resolution Time - Severity 4 Firewall Incident - Less than 72 hours	90.50%	95.50%	Qtrly	Qtrly	23.52%	Qtrly	Qtrly	75.00%	Qtrly	Qtrly	100.00%	Qtrly	Qtrly	100.00%	
	Backup & Recovery KM (1)															
37	2.3.4 Successful Recovery for All Applications	97.63%	99.10%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	



#		Min Target**	Exp. Target**	11-Oct*	11-Nov*	11-Dec*	12-Jan*	12-Feb*	12-Mar*	12-Apr*	12-May*	12-Jun*	12-Jul*	12-Aug*	12-Sep	Comments
	Incident Response Time KM (2)															
38	2.4.1 Response Time - Severity 3 Incident	90.98%	95.95%	97.23%	95.94%	93.42%	96.53%	97.11%	94.80%	92.07%	96.56%	96.65%	97.15%	97.23%	96.61%	
39	2.4.2 Response Time - Severity 4 Incident	90.98%	95.95%	98.34%	96.18%	97.63%	100.00%	97.67%	100.00%	97.05%	97.42%	99.14%	99.26%	99.21%	98.47%	
	Print KM (3)															
40	2.5.1 Inventory levels	90.98%	99.19%	100.00%	100.00%	100.00%	99.10%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
41	2.5.3 On time Completion of Standard Daily Printings	90.98%	96.76%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.08%	100.00%	100.00%	100.00%	100.00%	
42	2.5.4 Results of Quality Control Checks on Printed Output	97.75%	99.19%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
	Cross Functional KM (2)															
43	2.6.3 Disaster Recovery Test	100.00%	100.00%													At Time of Test (ATOT)
44	2.6.5 Resolution of Invoice Disputes	90.98%	95.95%	Qtrly	Qtrly	56.52%	Qtrly	Qtrly	85.88%	Qtrly	Qtrly	100.00%	Qtrly	Qtrly	100.00%	
	Satisfaction Surveys KM (1)															
45	2.7.1 Overall Customer Satisfaction Survey	5.77	6.62	Annual	Annual	Annual	4.30	Annual								



#		Min Target**	Exp. Target**	11-Oct*	11-Nov*	11-Dec*	12-Jan*	12-Feb*	12-Mar*	12-Apr*	12-May*	12-Jun*	12-Jul*	12-Aug*	12-Sep	Comments
	Batch KM (3)															
46	2.3.1 Percent of Batch Scheduling Launched on Time	98.65%	99.19%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
47	2.3.2 Reports delivered on time	95.49%	98.38%	98.75%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	97.18%	100.00%	100.00%	100.00%	100.00%	
48	2.3.3 Completion of Special Batch Processing within Completed Timeframes	95.00%	98.00%	No Data												
	Project Management KM (2)															
49	2.8.1 Project Delivered to Approved Budget	90.00%	95.00%	Annual												
50	2.8.2 Fulfillment of Instance/Server/Mainframe Service Requests	90.00%	95.00%	No Data												
	Service Desk KM (3)															
51	2.9.2 Service Desk Average Call Answer Time	86.46%	91.90%	76.00%	71.40%	90.48%	87.79%	90.90%	80.50%	80.71%	TBD	TBD	TBD	TBD	TBD	Under discussion
52	2.9.3 Service Desk Resolvable Issues - First Call Resolution	77.44%	83.80%	97.76%	98.15%	97.77%	97.65%	98.21%	97.60%	96.55%	97.81%	97.34%	97.38%	97.78%	97.89%	
53	2.9.4 Service Desk Resolvable Issues - Resolved Within 48 Hours	86.46%	91.90%	99.86%	99.84%	99.69%	99.81%	99.81%	99.76%	99.75%	99.86%	99.84%	99.57%	99.52%	99.84%	